

CLASS
16

NO. 70

Div: 81

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U. S. PATENT OFFICE

Let's plan
YOUR
laboratory

PATENT OFFICE

OCT 16 1959

DIVISIONS 81 & 82



with **STEELAB** Pre-Engineered
Interchangeable Sectional Units

manufactured by

LABORATORY FURNITURE CO., INC.

IN STOCK FOR *Immediate Delivery* FROM A
NATIONWIDE DISTRIBUTING NETWORK

Represented By
GRAHAM & VAN LEER CO.
810 - 18TH STREET, N.W.
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RETURN TO
DESIGN DIV



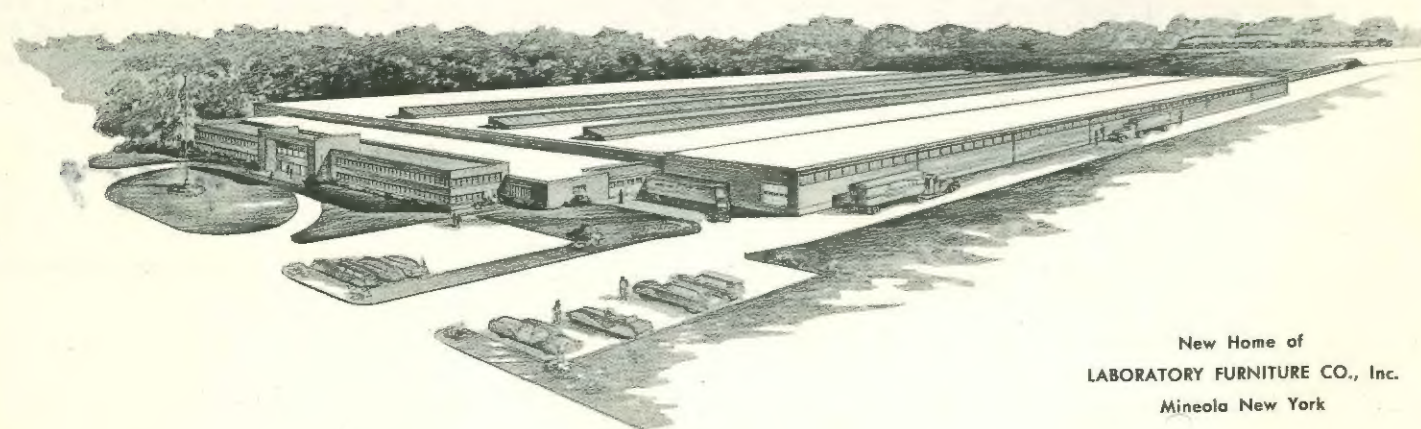
LABORATORY FURNITURE CO., Inc.

MINEOLA, LONG ISLAND, NEW YORK

Manufacturers of

STEELAB PRODUCT OF
EXPERIENCE

- In use over 35 years
- In Industrial, Educational, Hospital and Governmental laboratories
- In this and foreign countries
- Under practically every conceivable use
- More than 50,000 installations



New Home of
LABORATORY FURNITURE CO., Inc.
Mineola New York

STEELAB

STANDARD LABORATORY EQUIPMENT
..... now with added features for
SIMPLE PLANNING and INSTALLATION

AVAILABLE for IMMEDIATE DELIVERY from nationwide warehouse stocks

You don't have to take second best because you can't afford to wait. Now STEELAB equipment, standard for laboratory furniture quality for 35 years, in use ten years longer than any other, has been pre-engineered for easy installation.

PLANNING KIT AVAILABLE ON REQUEST

Sectional units of identical height and width can be fitted together in hundreds of combinations to meet every need, adapt to any floor plan.

QUALITY PLUS ECONOMY

This is STEELAB Standard Furniture, — matched to any STEELAB equipment you already have, any you may install in the future — for custom built effect at moderate cost.

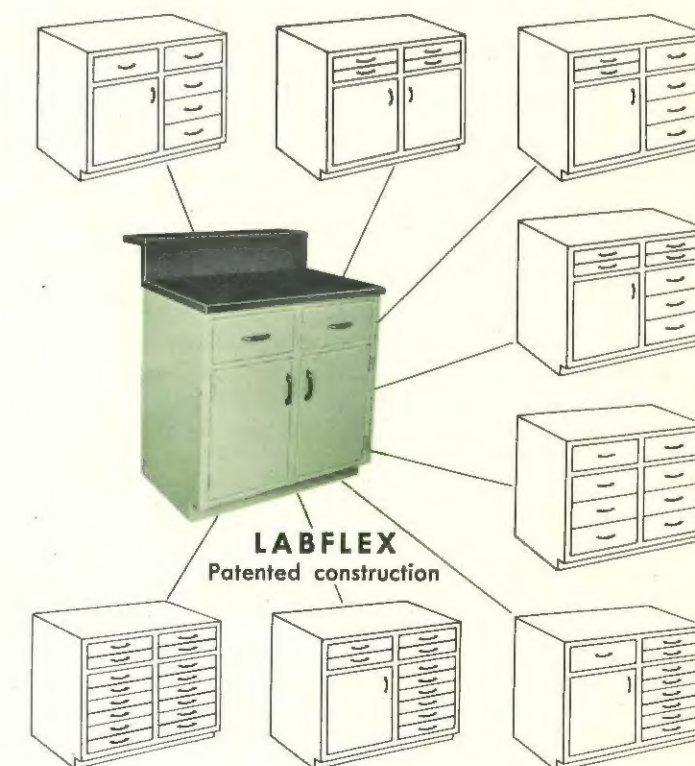
Only STEELAB has LABFLEX Patented Construction

STEELAB Laboratory Furniture has **LABFLEX** patented construction permitting a wide range of interchangeability.

Doors may be replaced with drawers, and drawer spaces changed into cupboards, as shown in the illustration. Also deep drawers may be replaced with shallow drawers at a later date if the work in the laboratory should change requiring modified storage facilities.

ONLY STEELAB HAS

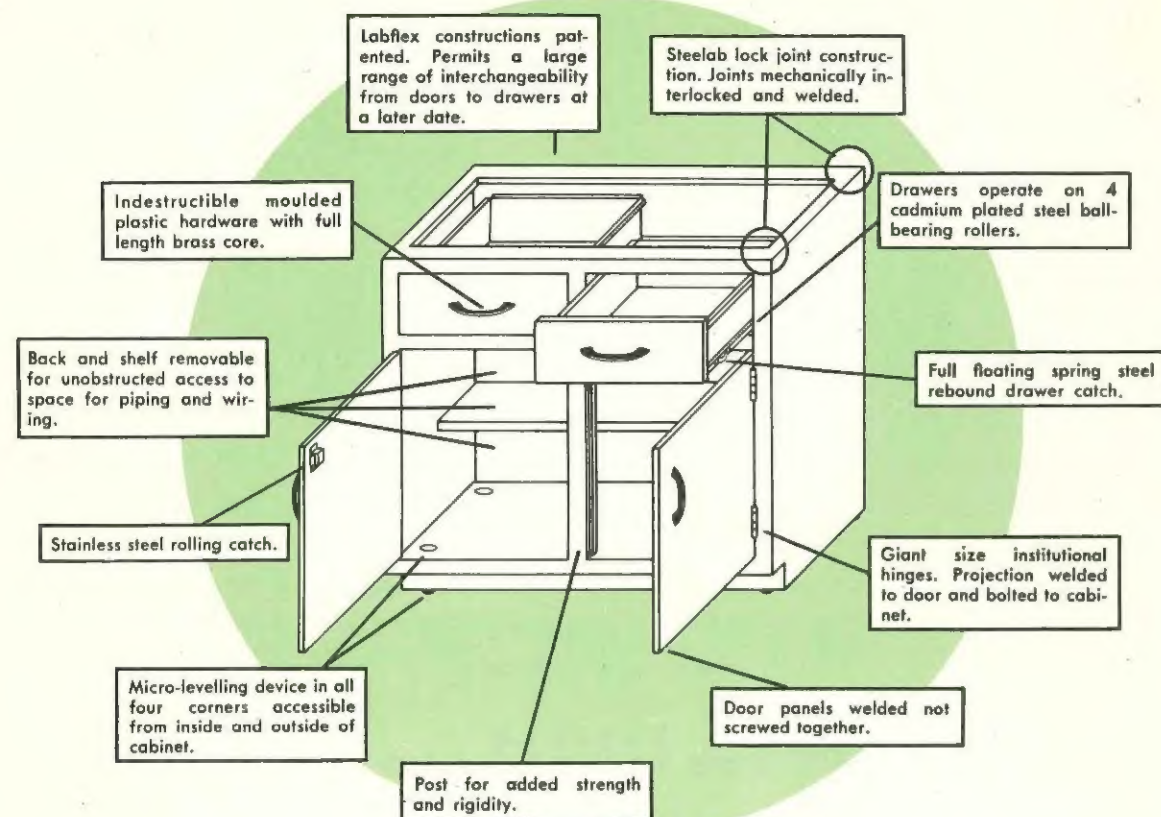
- Indestructible Hardware
- Labmaster Lifetime Fixtures



Some of many possible changes from basic unit.

construction features

NOTE: STEELAB Pre-engineered Units are the same as STEELAB Custom Furniture, but added features incorporated in the Pre-engineered Units simplify installation, assembly and piping.



Material: STEELAB Sectional Units are constructed of heavy gauge sheet steel, formed into channel and other sections to insure maximum strength and rigidity.

Construction: All sheet metal parts are die-formed for interchangeability and economy. Parts are mechanically interlocked, and all joints are welded. Cabinet backs are removable from in front for easy access to piping during installation or repairs. Cabinets and tables are fitted with four micro-leveling devices for simple, easy leveling. Cabinet sides have matching punched holes for connecting adjoining units securely. They are also furnished with heavy gauge reagent shelf brackets with holes and bolts for support.

Drawers: Each drawer operates smoothly on four cadmium plated ball bearing rollers in die-formed channel runners. Drawers are fitted with spring steel full-floating rebound stops.

Doors: Double walled, reinforced and welded at corners, forming a rigid, non-flexing door panel. Hinged doors are hung on heavy institutional hinges, projection-welded to both outer panel and edge. Sliding glass doors glide on ball bearing rollers and aluminum channels. Glass panels with channel rubber molding fit into boxed door frames mitred and flash-welded at corners.

Shelves: Shelves of glass door cabinets are adjustable each 1/2" in height. Cupboard shelves are half depth and removable for access to plumbing. The half-depth shelf provides space for storing tall objects at front.

Finish: All steel work cleaned, bonderized and finished with a handsome Flexure Green enamel baked on at high temperature. Finish is durable and highly corrosion-resistant.

Hardware: Door and drawer pulls are black molded plastic. Each pull is fitted with stamped stainless steel escutcheons.

Base Molding: Of black molded rubber, coved at bottom for pleasing appearance and protection against careless mopping. Square post legs fitted with molded rubber shoes to match.

Table Tops: Unless otherwise specified, table tops are of Nurock, a composition of Portland cement and asbestos fibers bonded and compressed into a dense, homogenous slab. It is virtually inert to chemical attack of any kind.

For other types of table tops see pages 16 and 17.

Fixtures: STEELAB's exclusive Labmaster Lifetime Fixtures, specially engineered for heavy duty laboratory use.

drawer and cupboard units

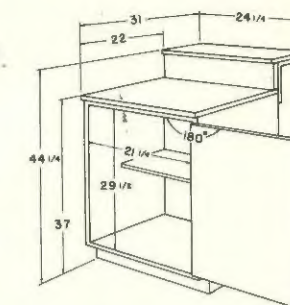
Units shown below and on the following pages have proved widely popular. They meet virtually every laboratory requirement because they are adaptable to any table combination.

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W-200 CUPBOARD UNIT

Designed for table assemblies where space limitations preclude the use of larger units shown on page 7. Cupboard features a half-depth shelf to allow storage of tall equipment in front. Complete with Top, Curb and Shelf W-200BB.

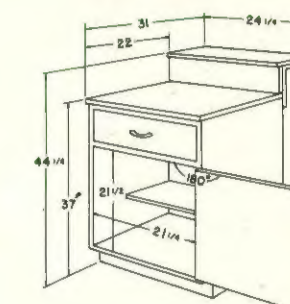
Shipping weight 90 lbs. (Cabinet only)



W-220 DRAWER AND CUPBOARD UNIT

This unit offers maximum convenience and storage capacity in a minimum of floor space. The spacious cupboard holds tall, narrow apparatus. Smaller equipment goes on the removable half-depth shelf, accessories in the full-width drawer. Complete with Top, Curb and Shelf W-200BB.

Shipping weight 105 lbs. (Cabinet only)



I.D. OF DRAWER 20" W.X 17 1/2" D.X 6 1/4" H.

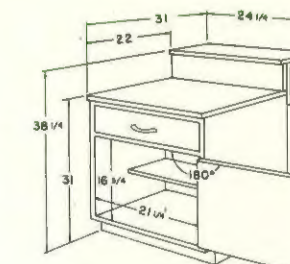
OCT 16 1959

DIVISIONS 81 & 82

W-221 DRAWER AND CUPBOARD UNIT

Many lab procedures can be most efficiently carried out with the chemist or technician seated. This cabinet, 31" high, is well adapted for seated work. It is equipped with a drawer and the cupboard has a removable half-depth shelf. Complete with Top, Curb and Shelf W-200BB.

Shipping weight 90 lbs. (Cabinet only)

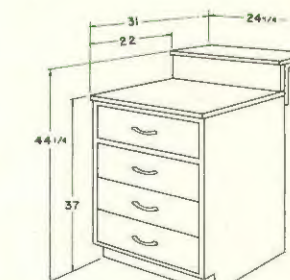


I.D. OF DRAWER 20" W.X 17 1/2" D.X 4 3/4" H.

W-230 DRAWER UNIT

Four drawers make this unit ideal for storing different kinds or sizes of small equipment, keeping work space conveniently free. Handy for personal storage, too. For smooth, effortless operation, each drawer is mounted on four ball bearing rollers and fitted with spring steel rebound stops. Complete with Top, Curb and Shelf W-200BB.

Shipping weight 155 lbs. (Cabinet only)



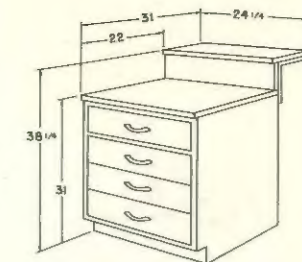
I.D. OF DRAWER 20" W.X 17 1/2" D.X 6 1/4" H.

drawer, cupboard and sink units



W-231 DRAWER UNIT

Four drawers on STEELAB's special ball bearing rollers provide storage for an assortment of equipment and silent, effortless operation. 31" in height, this unit is often installed beside Drawer and Cupboard Unit W-221, described on page 5. Complete with Top, Curb and Shelf W-200BB. Shipping weight 115 lbs. (Cabinet only)



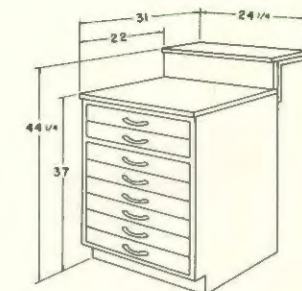
I.D. OF DRAWER 20"W.X17 1/2"D.X 4 3/4"H.



W-235 DRAWER UNIT

Orderly storage of small articles contributes to laboratory efficiency. This 8-drawer unit helps keep small equipment and accessories safe and easy to locate. Ball bearing rollers and spring steel rebound stops insure safety of fragile equipment. Complete with Top, Curb and Shelf W-200BB.

Shipping weight 175 lbs. (Cabinet only)



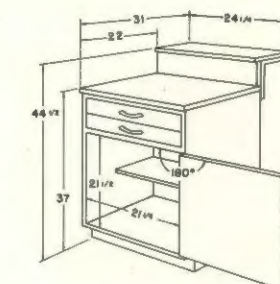
I.D. OF DRAWER 20"W.X17 1/2"D.X 2 3/4"H.



W-240 DRAWER AND CUPBOARD UNIT

This versatile unit provides two equal size drawers for storage of small equipment and an ample cupboard with half-depth removable shelf. The handsome "Nurock" top provides a durable working surface. Complete with Top, Curb and Shelf W-200BB.

Shipping weight 110 lbs. (Cabinet only)



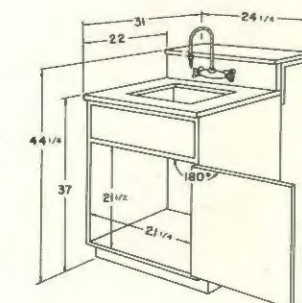
I.D. OF DRAWER 20"W.X17 1/2"D.X 2 3/4"H.



W-250 SINK UNIT

This unit houses an 18" x 18" x 8" O.D. sink with a combination hot and cold water mixing faucet. Can be used singly, as an extra sink in an assembly, or as a utility station at the end of a double center table. Door and removable rear panel give easy access to plumbing. Plug, trap and overflow included. Complete with Top, Curb and Shelf W-250BB.

Shipping weight 90 lbs. (Cabinet only)



drawer and cupboard units

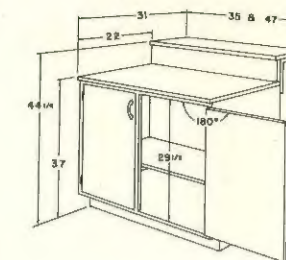


W-300 DOUBLE CUPBOARD UNIT

With this spacious unit, out-of-sight storage of cumbersome apparatus is no longer a problem. The half-depth shelf is quickly removable if room is needed for more bulky equipment. "Nurock" top, 35 1/8" wide, provides satin-smooth work surface. Complete with Top, Curb and Shelf W-300BB. Shipping weight 110 lbs. (Cabinet only)

W-400 — Similar to W-300, except 47 1/8" wide. Complete with Top, Curb and Shelf W-400BB.

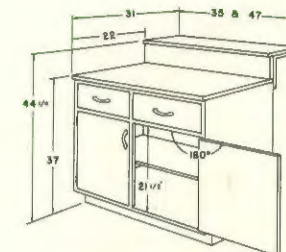
Shipping weight 145 lbs. (Cabinet only)



W-320 DRAWER AND CUPBOARD UNIT

This combination of two large drawers with cupboard below provides the utmost versatility and convenience for storing all kinds of equipment and accessories. Complete with Top, Curb and Shelf W-300BB. Shipping weight 140 lbs. (Cabinet only)

W-420 — Similar to W-320, except 47 1/8" wide. Complete with Top, Curb and Shelf W-400BB. Shipping weight 170 lbs. (Cabinet only)



35" UNIT — I.D. OF DRAWER 13 7/8"W.X17 1/2"D.X 6 1/4"H.

47" UNIT — I.D. OF DRAWER 21 1/4"W.X17 1/2"D.X 6 1/4"H.

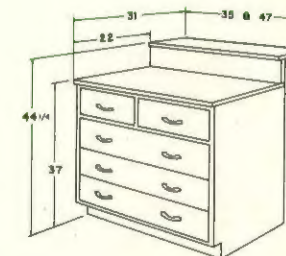


W-330 DRAWER UNIT

This ruggedly built cabinet features two drawers for small items just below the "Nurock" work space and three full-width drawers for larger equipment. All operate smoothly and silently on ball bearing rollers. Complete with Top, Curb and Shelf W-300BB.

Shipping weight 175 lbs. (Cabinet only)

W-430 — Similar to W-330, except 47 1/8" wide. Complete with Top, Curb and Shelf W-400BB. Shipping weight 205 lbs. (Cabinet only)



35" UNIT I.D. OF DRAWER (2) 13 7/8"W.X17 1/2"D.X 6 1/4"H.

(3) 31 1/4"W.X17 1/2"D.X 6 1/4"H.

47" UNIT I.D. OF DRAWER (2) 21 1/4"W.X17 1/2"D.X 6 1/4"H.

(3) 42 3/8"W.X17 1/2"D.X 6 1/4"H.

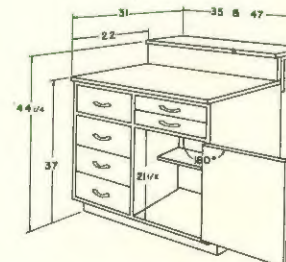


W-340 DRAWER AND CUPBOARD UNIT

This versatile combination of drawers and cupboard provides convenient storage for almost every type of laboratory apparatus. And STEELAB's exclusive construction features add to its long-term value. Complete with Top, Curb and Shelf W-300BB.

Shipping weight 175 lbs. (Cabinet only)

W-440 — Similar to W-340, except 47 1/8" wide. Complete with Top, Curb and Shelf W-400BB. Shipping weight 205 lbs. (Cabinet only)



35" UNIT I.D. OF DRAWER (4) 13 7/8"W.X17 1/2"D.X 6 1/4"H.

(2) 13 7/8"W.X17 1/2"D.X 2 3/4"H.

47" UNIT I.D. OF DRAWER (4) 21 1/4"W.X17 1/2"D.X 6 1/4"H.

(2) 21 1/4"W.X17 1/2"D.X 2 3/4"H.

sink, drawer and cupboard units



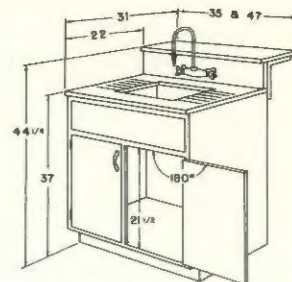
W-350 SINK UNIT

This convenient unit features a one-piece ceramic sink bowl 18" x 18" x 8", complete with LABMASTER faucet, trap, plug and overflow. Ample drainboards provide maximum working area. Complete with Top, Curb and Shelf W-350BB.

Shipping weight 120 lbs. (Cabinet only)

W-450 — Similar to W-350, except 47 1/16" wide and fitted with 24" x 18" x 8" sink. Complete with Top, Curb and Shelf W-450BB.

Shipping weight 145 lbs. (Cabinet only)



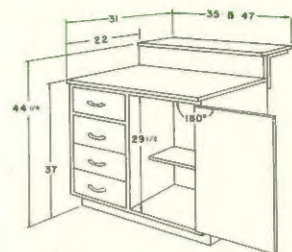
W-360 DRAWER AND CUPBOARD UNIT

In this unit the full-height cupboard offers maximum storage flexibility for items ranging from small utilities to outsize instruments or apparatus. Four drawers are useful for accessories. Complete with Top, Curb and Shelf W-300BB.

Shipping weight 160 lbs. (Cabinet only)

W-460 — Similar to W-360, except 47 1/16" wide. Complete with Top, Curb and Shelf W-400BB.

Shipping weight 190 lbs. (Cabinet only)



35" UNIT - I.D. OF DRAWER 13 3/8" W. X 17 1/2" D. X 6 1/4" H.
47" UNIT - I.D. OF DRAWER 21 1/8" W. X 17 1/2" D. X 6 1/4" H.



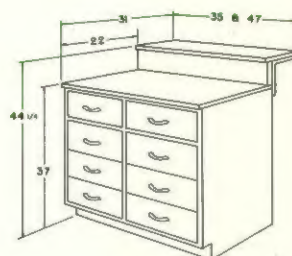
W-390 DRAWER UNIT

Eight drawers of equal size make up this unit. All are mounted on ball bearing rollers and are fitted with full-floating rebound stops of spring steel. Drawer pulls are of strong, durable molded plastic. Complete with Top, Curb and Shelf W-300BB.

Shipping weight 190 lbs. (Cabinet only)

W-490 — Similar to W-390, except 47 1/16" wide. Complete with Top, Curb and Shelf W-400BB.

Shipping weight 215 lbs. (Cabinet only)



35" UNIT - I.D. OF DRAWER 13 3/8" W. X 17 1/2" D. X 6 1/4" H.
47" UNIT - I.D. OF DRAWER 21 1/8" W. X 17 1/2" D. X 6 1/4" H.

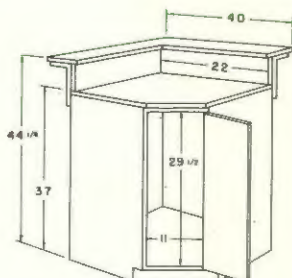


W-480 CORNER UNIT

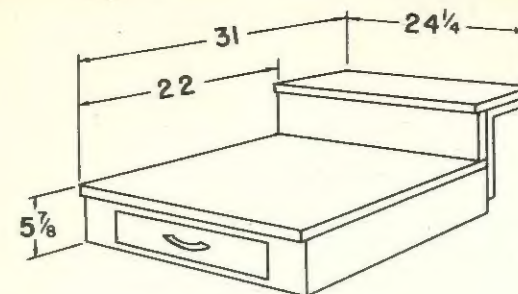
Waste space in corners is put to productive use with this unit, which permits unbroken working surface at corners. Square on three sides, it fits snugly between adjacent units set at right angles to each other. Spacious cupboard utilizes dead corner space for equipment storage. Complete with Top, Curb and Shelf W-480BB.

Shipping weight 105 lbs. (Cabinet only)

Also available with Rotary Shelves W-480RS.



knee space table units



W-620 — 24 1/4" long, single drawer

W-630 — 35" long, single drawer

W-640 — 47" long, double drawer

ALL DRAWERS - 13 3/8" X 2 3/4" X 17 1/2" DEEP - I.D.

This item is easily bolted between two cabinet units to provide extra working space. Can also be used at either end of an assembly, or as a free standing table by attaching two or four legs. All sizes equipped with leg brackets in all four corners.



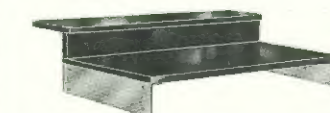
Versatility of table unit is illustrated here. Working surface is of same impervious "Nurock" as cabinet units. Single or double drawer provides storage for notebooks or small accessories. Legs available for 31" or 37" height — see page 14.



WRITING SPACE

... with an added advantage

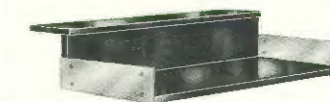
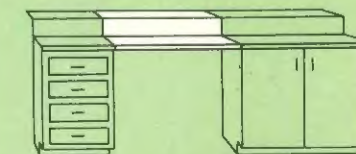
In addition to providing writing space at sitting or standing height, length of these units may be easily cut down to permit a wall-to-wall table assembly in any size room. To maintain uniform height of reagent shelf order BC series tops.



WS-27 — 24 1/4" long, 37" high

WS-37 — 35" long, 37" high

WS-47 — 47" long, 37" high



WS-21 — 24 1/4" long, 31" high

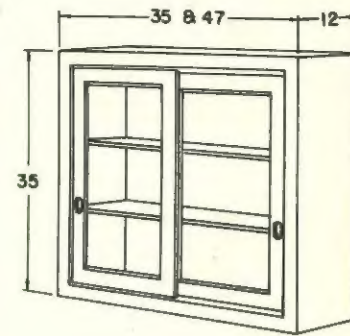
WS-31 — 35" long, 31" high

WS-41 — 47" long, 31" high



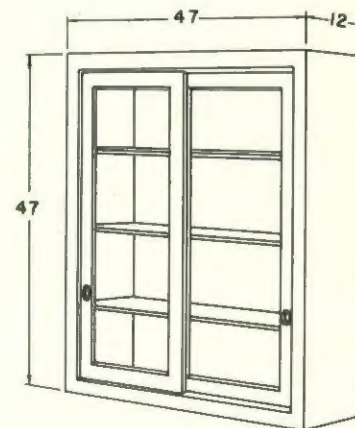
storage cabinets

Conveniently located storage cabinets for reagents and apparatus add to laboratory efficiency. Whatever your floor plan, these STEELAB units keep essential equipment within easy reach. All cabinets are built of heavy gauge bonderized steel, finished in baked-on corrosion-resistant enamel. Drawers and steel-framed sliding glass doors operate on ball bearing rollers. Shelves are adjustable each 1/2 inch.



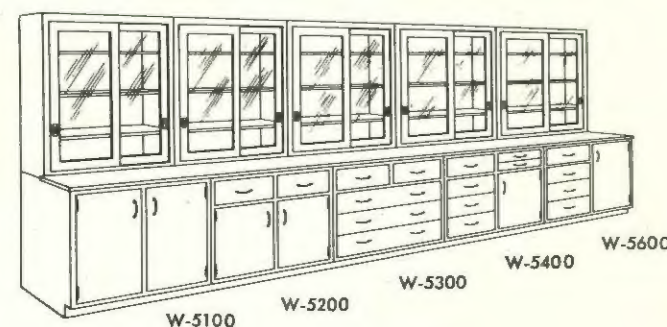
WALL-HUNG CABINETS

W-5033 — 35" wide, 35" high, 12" deep
W-5043 — 47" wide, 35" high, 12" deep

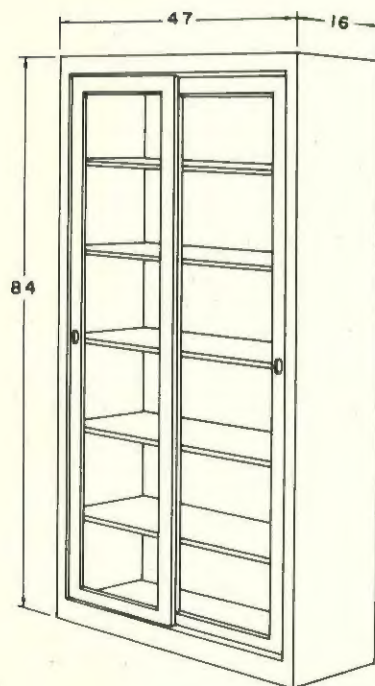


WALL-HUNG CABINETS

W-5000 — 47" wide, 47" high, 12" deep
W-5034 — 35" wide, 47" high, 12" deep



W-5100 W-5200 W-5300 W-5400 W-5600

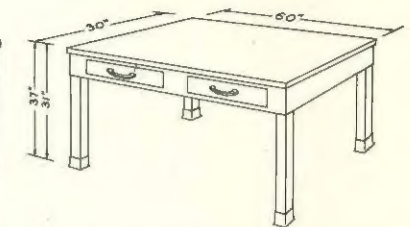


FREE STANDING CABINET

W-5800 — 47" wide, 84" high, 16" deep

other laboratory furniture

All of the items on this page are built to the same high standards of design and construction that are associated with all STEELAB equipment.



I.D. OF DRAWER — 20" W. X 17 1/2" D. X 2 3/4" H.

LABORATORY UTILITY TABLE

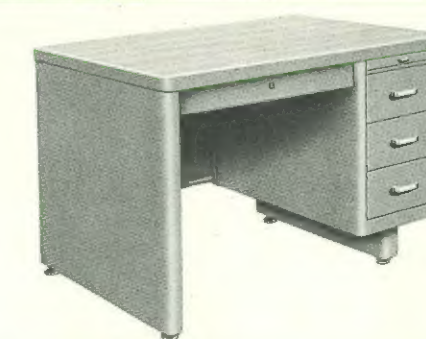
W-695-1 — 60" x 30" x 31" high
W-695-7 — 60" x 30" x 37" high

Supplied with "Nurock" top unless otherwise specified.
See pages 16 and 17 for other top materials.



W-690 LIBRARY TABLE

A companion piece to W-670 desk. Supplied with linoleum top only. Not a general laboratory table.
60" long, 30" wide, 31" high



W-670 OFFICE DESK

48" long, 30" deep, 31" high



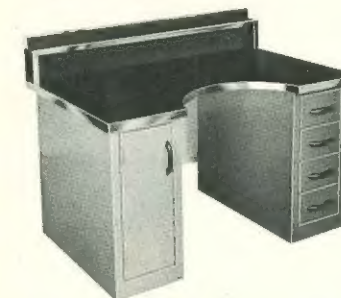
W-660 CHEMIST'S DESK

48" long, 30" deep, 31" high



W-655 BALANCE TABLE

36" long, 24" deep, 31" high



W-675 MICROSCOPE DESK

48" long, 30" deep, 28" high



W-700 REFRIGERATOR

This 4 CUBIC FOOT capacity unit is controlled by one dial having a wide range of settings. This unit will fit flush with other sectional units.

One full year warranty on the complete refrigerator plus four additional years on the sealed-in refrigerating system.

For under counter installation order W-700 BB top curb and shelf.



W-665
SWIVEL ARM CHAIR



W-760
ADJUSTABLE STOOL
(See page 14 for Stool Cushion)

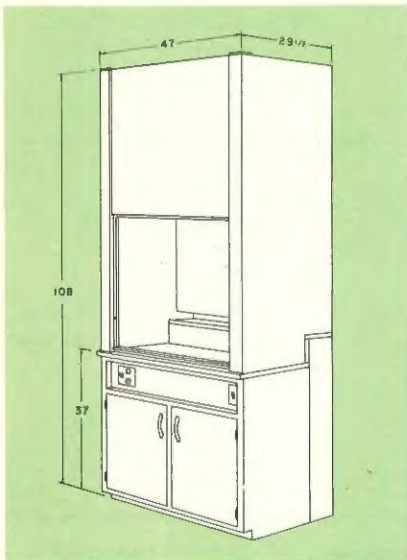


W-765
ADJUSTABLE CHAIR

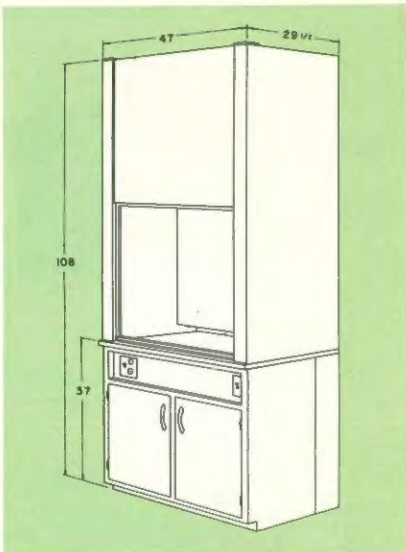
Compact . . . complete . . . ready to install

The STEELAB Fume Hoods described on this and the following page embody the principle of "controlled and directed air flow" originated by Laboratory Furniture Co., Inc. They are furnished with an exhaust system consisting of electric motor on vibration-insulated platform, exhaust fan and duct from hood chamber to fan. Only additional ductwork required is that from fan to wall or ceiling outlet.

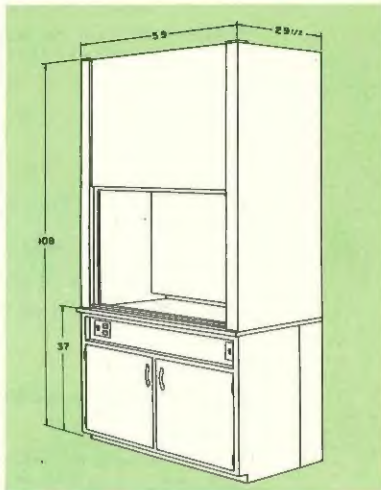
Double walled superstructure in all models features interior of 1/4" asbestos board. Exterior is of heavy gauge bonderized steel with corrosion-resistant baked enamel finish. Counterbalanced sash has 1/4" safety glass in stainless steel frame. All hoods are furnished with vaporproof light, light switch, blower switch and duplex electric receptacle.



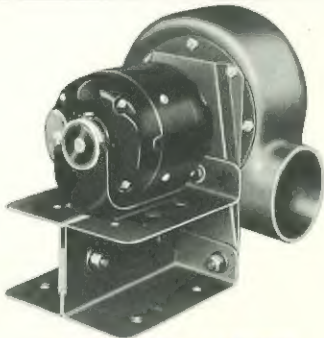
W-1000
CLOSED FUME HOOD
Features Curb and Reagent Shelf at back of working surface for added convenience. See next page for blower specifications.



W-1000X
CLOSED FUME HOOD
Same as W-1000 described above, but does not include Curb and Reagent Shelf. See next page for blower specifications.



W-1500
CLOSED FUME HOOD
Similar to W-1000 in every way except size. This model provides a full five feet of working surface. Blower specifications are shown below.



EXHAUST BLOWER
INCLUDED WITH FUME HOODS
Illustrated is exhaust motor blower unit which is furnished with platform, vibration insulators and duct from hood to blower. Blower exhaust rotates to left, right or upward discharge.

CATALOG NUMBER	CYCLES	MOTOR H.P.	FAN RPM	TIP SPEED	1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		7/8" SP		1" SP	
					CFM	OV	CFM	OV	CFM	OV	CFM	OV	CFM	OV	CFM	OV	CFM	OV
W-1000F	60	1/6	1140	2235	500	1630	418	1360	325	1060	.....	.....	.....	.....	.....	.....	.....	.....
W-1000FX	60	1/5	1725	3380	855	2780	821	2670	782	2545	733	2385	678	2210	627	2040	571	1855
W-1500F	60	1/2	1140	2690	1275	2880	1195	2700	1120	2540	1015	2295	925	2090	.....	.....	.....	.....

ACCESSORIES

W-250S — 18" x 18" x 8" O.D.
Shipping weight 85 lbs.
W-450S — 24" x 18" x 8" O.D.
Shipping weight 105 lbs.



LABORATORY SINKS

Cast gray chemical ceramic with sloping bottom and rounded corners. Includes lead plug, trap and overflow and W-524 combination faucet.



W-650-1 — For 31" height at top of working surface.
W-650-7 — For 37" height at top of working surface.

TABLE LEGS

Easily installed on Table Units described on page 9. Equipped with micro-leveling bolts and rubber shoes.

W-667

TOUCH-UP ENAMEL

No brush, no bother. Aerosol spray does professional touch-up job with factory-matched enamel.



W-735

REAGENT SHELF BRACKET

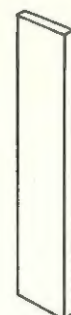
For supporting reagent shelves and securing adjacent unit sections. One supplied with each unit; order additional bracket for each table assembly.



W-760C

LABORATORY STOOL CUSHION

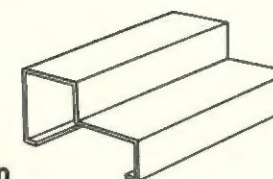
Made of thick foam-rubber, covered with durable black Koroseal. Easy to put on—elastic band holds it securely in place.



W-910 — 35" high
W-915 — 42½" high

END PANELS FOR WALL TABLES

Use to enclose pipe space at end of wall or center tables. Made of heavy gauge enameled steel.



W-920

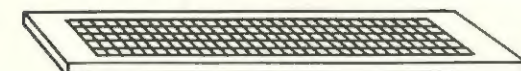
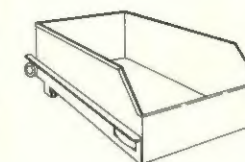
STEP-UP SHELF

Place on any standard shelf. Provides access to hard-to-reach items at the back of a storage unit. Prevents spillage. 46" long.

W-923—For units of 35" width
W-924—For units of 47" width

PULL-OUT SHELVES (steel)

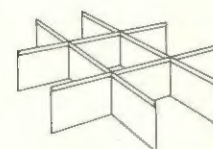
Make back of cabinets easily accessible from front. Can be installed in the field in any STEELAB storage unit, old or new.



W-950

BLACK ENAMELED STEEL GRILLE

Permits free circulation of warm air over radiators. 47" length only.



W-960 — 13⅞" x 17⅞" x 2⅞"
W-970 — 19⅞" x 17⅞" x 2⅞"

EGG CRATE DIVIDER

Keep small items from going astray. This drawer insert divides any standard size drawer into nine compartments.



W-1270

ALUMINUM BURETTE ROD

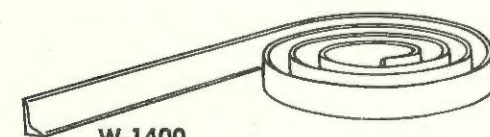
36" long. Includes threaded socket for permanent installation in counter top.



W-1300

PEG BOARD

24" x 30". Board and pegs made of 1¼" carbonized birch.



W-1400

RUBBER BASE MOLDING

Protects base enclosure of cabinets against careless mopping, seals any space under cabinet caused by leveling. 12-ft. lengths. Black.



W-1410

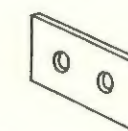
BASE MOLDING CEMENT

In one pint cans, ready for use. Cements approximately 30 feet of W-1400 Rubber Base Molding.

W-1435

DUROCK CEMENT

A permanent, chemical-resistant cement for joining counter tops. Each unit is sufficient for 15' of joint. See page 16 for more information.



W-2010

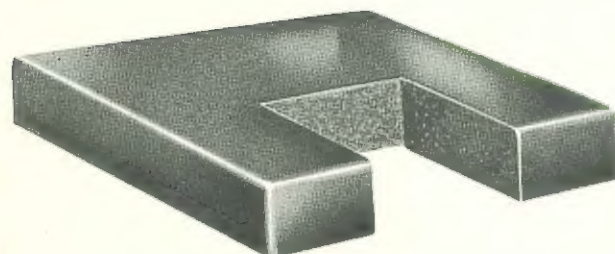
END SINK FIXTURE PANEL

Necessary when sink is installed at end of center table. Made of 1¼" Durock with holes for combination hot and cold water fixture.

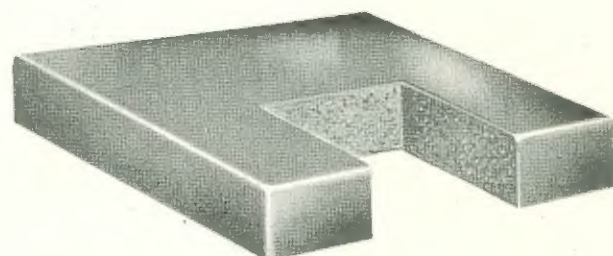


Laboratory table top

Your choice of table top material is perhaps your most important decision since the counters are subjected to the greatest use and abuse. For economy sake an expensive highly resistant material need not be purchased if the table is not to be subjected to strong chemicals. We offer you a choice of materials of varying qualities and costs so you may make your own decision.

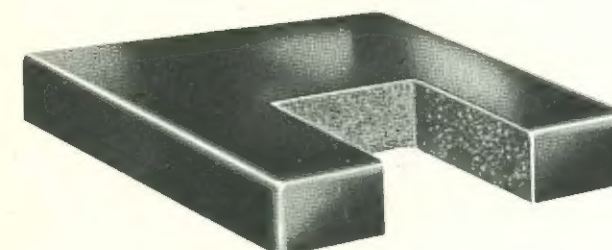
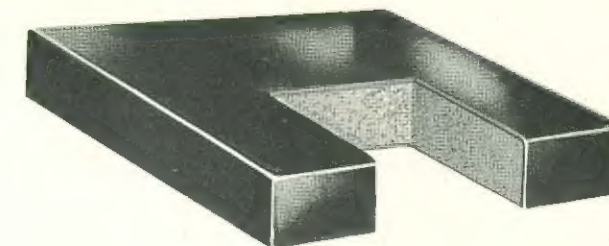


NUROCK — This serviceable material has outstanding resistance to chemical attack. It is made of Portland cement and asbestos fibers bonded and compressed into a dense, homogeneous mass. No added protective coating is necessary. The dark gray color of "Nurock" adds pleasing appearance to its many other superior properties.

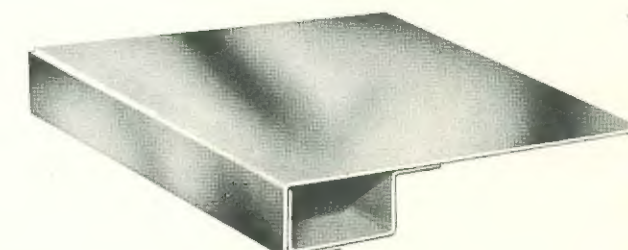


ENDUROCK — A fabricated dark gray natural stone of uniform color and texture. Very high chemical resistance throughout its thickness. High thermal shock resistance. Will not shatter under concentrated heat. No calcite veins or other natural imperfections. Not surface coated; nothing to wear off. "Endurock" (patented) has no equal for laboratory use.

LAMINATED PLASTIC—Ideal for laboratory desks. Will also withstand mild chemicals. Top is fabricated by veneering a black laminated plastic to a 1¼" waterproof core of pressed wood fibers. Plastic covers top surface and all edges.



SOAPSTONE — Where this material is specified, Alberene stone of regular grade and uniform thickness, color and texture is furnished. All material is free from calcite veins and other injurious imperfections.



STAINLESS STEEL — Made of 18-8 Type 304 16-gauge stainless steel. All corners are heliarc welded and ground smooth. Channel type reinforcements are provided on the underside of the top.



DUROCK CEMENT FOR TABLE TOPS

Regardless of the table top material you choose, a first-class installation demands a good cement in joints or seams. To give long, maintenance-free service, a cement must have the following properties: unyielding adhesion, high chemical resistance, flexibility to withstand expansion and contraction, and pleasing appearance.

"Durock" cement, a catalyzed epoxy resin, meets all these requirements. It produces a virtually unbreakable joint between surfaces of stone, asbestos board, wood, glass and many metals. No splines, dowels or studs are necessary to reinforce joints made with "Durock" cement; yet, when the cement has fully cured, the joint is stronger than the adjacent material.

For convenience in using, "Durock" cement is packaged

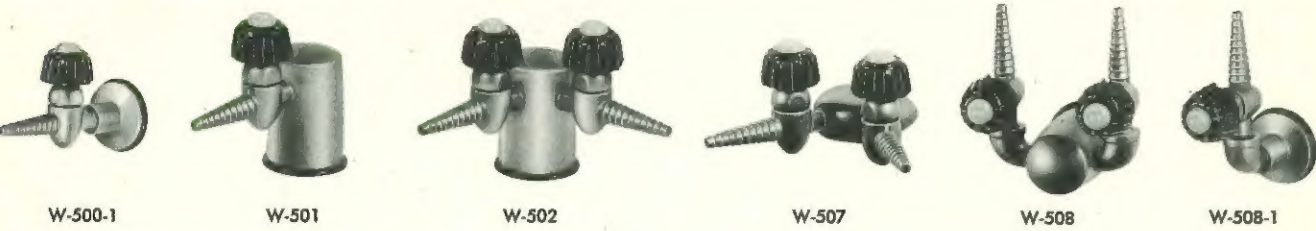
in units consisting of 8 ounces of resin in a metal container and 0.8 ounce of catalyst in a glass bottle. These are thoroughly mixed just prior to use. Each unit, when sized with slate dust, will make 15 linear feet of joint in 1¼" stone.

Little skill is required to achieve perfect results and, because no reinforcements are necessary, much time is saved in completing an installation. Comprehensive instructions for use are included with each unit.

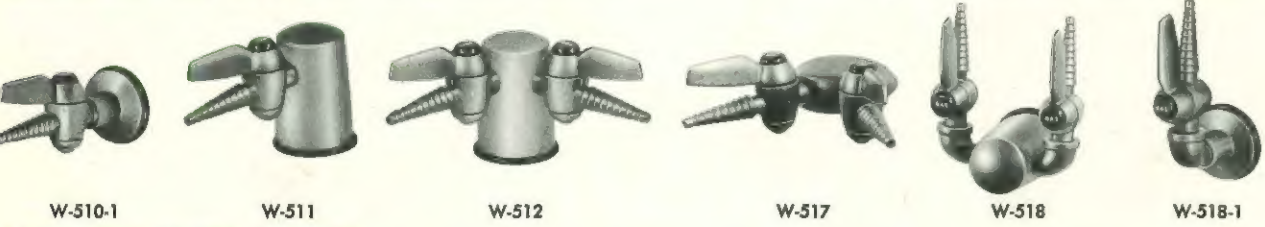
LABMASTER FIXTURES

Labmaster Lifetime Laboratory Fixtures are designed and made specifically for laboratory use. Beautifully streamlined in appearance, rugged in construction and unfailing in use.

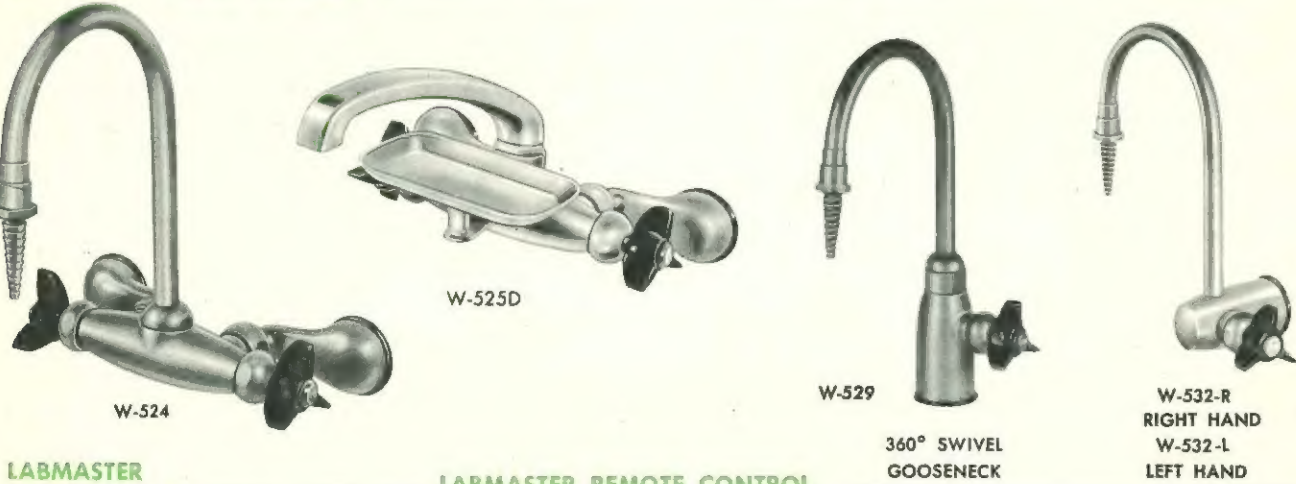
LABMASTER NEEDLE VALVES FOR FINE CONTROL OF GAS, AIR, VACUUM AND WATER



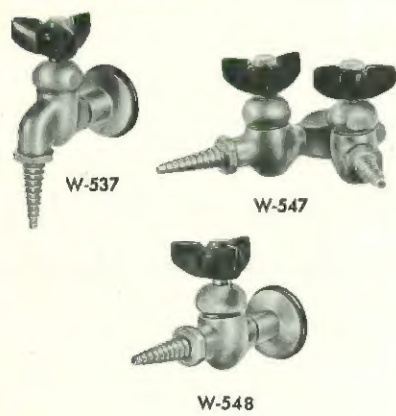
LABMASTER PLUG COCKS FOR GAS, AIR AND VACUUM



LABMASTER WATER FIXTURES



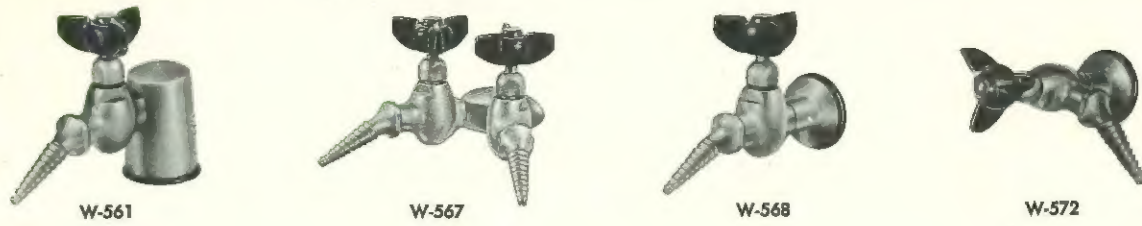
LABMASTER WATER VALVES



LABMASTER REMOTE CONTROL



LABMASTER STEAM VALVES



LABMASTER DISTILLED WATER VALVES



ELECTRIC RECEPTACLES

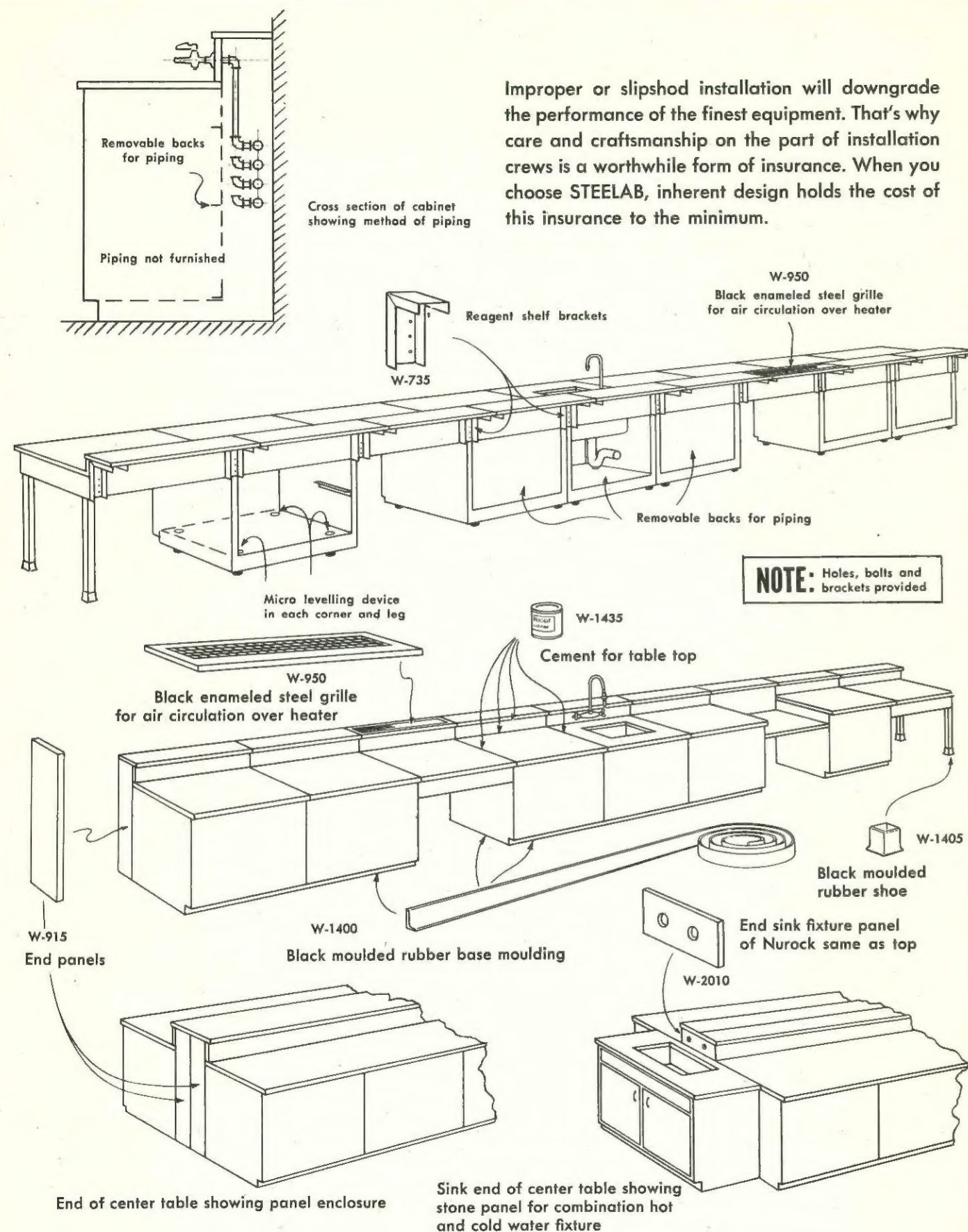
ELECTRICAL PEDESTALS and BOXES		1 GANG		2 GANG		1 GANG		2 GANG	
15 AMPS. 125 VOLTS		single face		double face		single face		double face	
STYLE	TYPE and WIRE	single face	double face	single face	double face	single face	double face	single face	double face
⊕	2 WIRE STANDARD	W-611A	W-611B	W-611C	W-611D	W-611G	W-611H	W-611I	W-611J
Ⓜ	2 WIRE POLARIZED	W-612A	W-612B	W-612C	W-612D	W-612G	W-612H	W-612I	W-612J
ⓂⓂ	3 WIRE POLARIZED	W-613A	W-613B	W-613C	W-613D	W-613G	W-613H	W-613I	W-613J

LEAD WASTE FITTINGS



INSTALLATION AND MAINTENANCE

Improper or slipshod installation will downgrade the performance of the finest equipment. That's why care and craftsmanship on the part of installation crews is a worthwhile form of insurance. When you choose STEELAB, inherent design holds the cost of this insurance to the minimum.



In the first place, these units are *planned* for easy, time-saving installation. Removable cabinet backs and shelves are an example of this design feature. Each item is packed complete with all necessary hardware. Finally, there is included with each order a 24-page instruction book with detailed, step-by-step procedures for workmanlike installation.

But, to make sure you encounter no delay, be certain you have ordered all necessary components. The illustrations on this page will help you order correctly.

maintenance

Endurance is a built-in property of every STEELAB unit. Nevertheless, as with other furniture or equipment, good housekeeping practices and a simple program of preventive maintenance will extend its use-life and keep it looking like new.

Here are a few simple precautions that will prevent or minimize damage:

1. Avoid severe differentials in temperature on stone table tops. Use an asbestos insulating pad under hot plates, etc.
2. Flush acids and other corrosive chemicals down drain with large amounts of water.
3. Clean up spills immediately.
4. Never store open containers of acids in a closed cabinet.
5. Mechanical or chemical damage to casework should be repaired promptly to avoid further damage to the base material.

preventive maintenance

1. The same measures that keep an automobile or fine household furniture looking its best will do the same for STEELAB equipment. Use any good auto cleaner or furniture polish on enameled metal surfaces as often as required. For added protection from acid fumes, apply any good quality wax.
2. All "Nurock" tops are sprayed with a sealer before shipment. After installation and before use, a heavy coat of paste wax should be applied. At

intervals depending on severity of use, the surface should be cleaned with a solvent and additional coats of wax applied. Remove stains with fine sandpaper and follow with more wax.

3. "Endurock" tops require no other care than an occasional dressing with raw linseed oil.

4. Soapstone may be cleaned as described for "Nurock." If desired, the surface may be dressed with

- 1 lb. paraffin
- 1 qt. kerosene
- 2 qt. raw linseed oil

heated to melt the paraffin and applied while hot. Wait two hours and buff.

5. Stainless steel may be cleaned with any non-scratching kitchen cleanser, such as "Bon Ami." Never use steel wool. Stainless should always be wiped dry after use.

6. Doors and drawers should be kept in proper adjustment and properly lubricated.

conditions of sale

These general conditions and terms apply to all prices unless otherwise stated.

Prices are F.O.B. point of origin.

Prices do not include any Federal, State, City or local taxes which are or may be levied.

Prices do not include assembly, installation or drilling of holes for service fixtures, piping or wiring.

Title passes to Purchaser at point of origin of shipment.

Terms: Net 10 days from date of invoice.

Orders accepted subject to approval of our Credit Department.

Equipment furnished in #EM 667 Flexure Green baked enamel, with black plastic hardware and chrome plated fixtures.

Equipment carefully inspected and packed. Instructions included with shipment.

Cancellation of any order can be made only with the written consent of the Laboratory Furniture Co.

Specifications subject to change without prior notice.

The first consideration is to plan carefully both for present needs and future requirements. Study your operation and streamline it for minimum loss of time and motion. Don't waste space even if you have more than enough for current needs.

And don't be guided by your present layout. Remember that most older labs are an accumulation of equipment that has been added to the original installation. Seldom is it located with reference to the most efficient cycle of operations because that generally involves major rearrangements and changes of service piping. Added units have probably been placed where space permitted, even though much lost motion results every day.

Locate often-used equipment centrally. Place sinks in adjoining rooms back-to-back to utilize one set of piping for both. Don't work with your back to the light; utilize walls opposite windows for fume hoods and storage cabinets.

Aisles should be not more than 5 ft. wide, or you will be wasting space, steps and time every day.

Take time to plan well . . . for the present . . . for the future. It will pay daily dividends in greater laboratory efficiency.

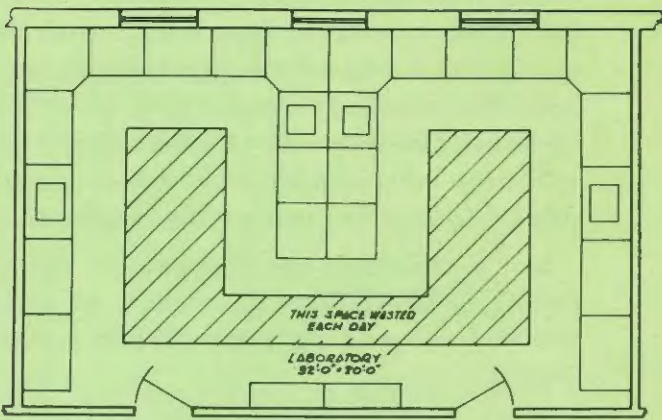
SPACE IS CAPITAL—INVEST IT WISELY

Suppose you have a 30' x 20' room for your new laboratory. At right are three layouts for this room which illustrate what to do—and what not to do.

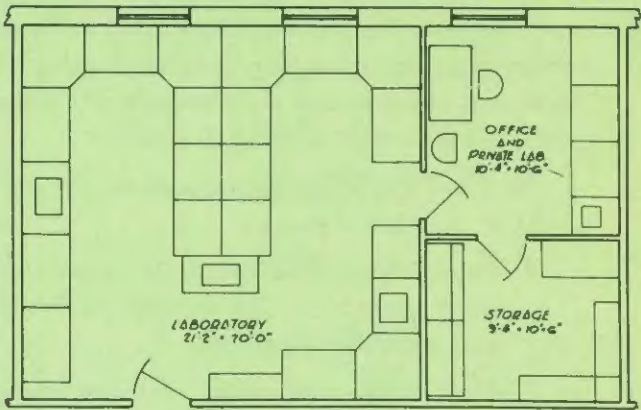
Plan 1 wastes space, steps, time and money. Note the 10 ft. aisles between center and wall tables. Since the same persons usually work on both tables, they will take each day countless unnecessary steps between them. Five feet is sufficient aisle space between any two working tables.

Plan 2 shows the same floor area—and the same equipment as in Plan 1—but now the original room has been subdivided into one large and two smaller rooms. Center tables have been made longer to include the sections removed for the doorway at right. Out of the wasted space in Plan 1 have been created an office or private laboratory and a storage room for samples, chemicals or apparatus.

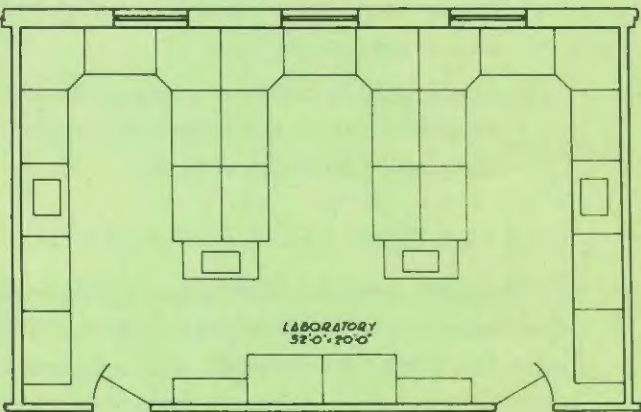
Plan 3 illustrates a layout of the original 30 x 20 room with 50% more equipment than in Plan 1, yet nothing is crowded, nothing is sacrificed.



PLAN NO. 1

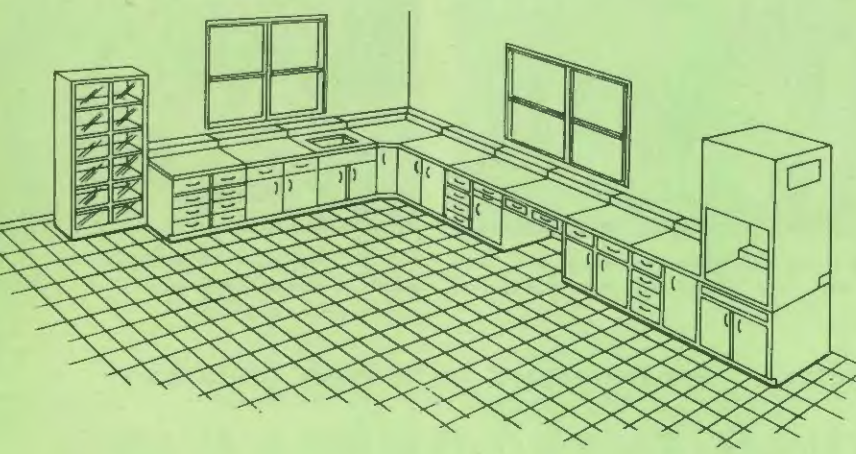


PLAN NO. 2



PLAN NO. 3

Basic planning Suggestions



These are basic principles in laboratory planning, which should not be disregarded.

Wall opposite windows is not well suited for a work table as one would be working with their back to the light. Such space is however, a good location for Fume Hood and storage cabinets.

Window wall radiators are usually located under windows. For easy access to these knee space units with grille shelf will provide access, good heat circulation and a space for doing work in a sitting position.

For pipe service economy. Work tables at side walls and center tables provide the ideal working location. Whenever possible sinks in adjoining rooms should be placed back to back. In this way both sinks are supplied from one set of piping. Hoods may also be located at the corridor end of wall table, back to back for economical duct work.

Corner cabinet serves a useful service in that corner. Space would otherwise be inaccessible.



STEELAB'S modern step-by-step spray finishing means *longer life, lasting beauty, less maintenance*

RETURN TO
DESIGN DIV.

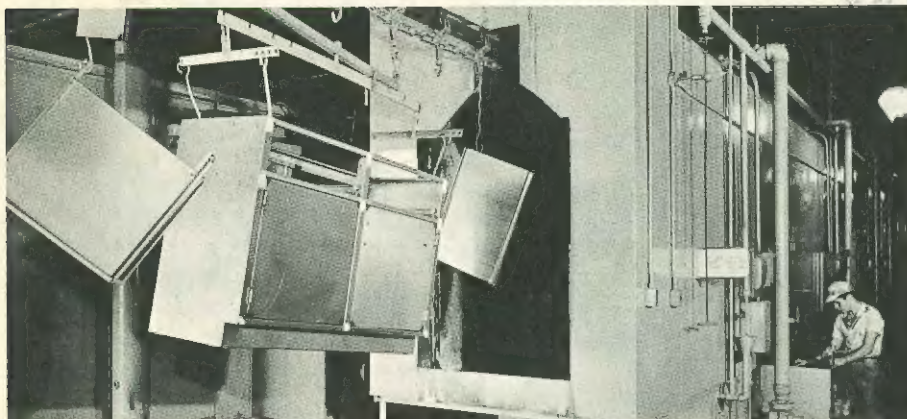


Fig. 1—Entrance to huge, black-long washing machine in Laboratory Furniture's STEELAB plant. Conveyored parts are cleaned and phosphatized.

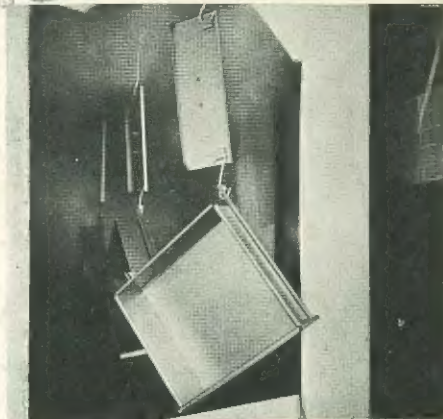


Fig. 2—Close-up of precision-made, interchangeable parts entering washing machine for automatic spray processing in six stages.



Fig. 3—Cleaned, phosphatized module parts leave washer to enter drying oven in steady sequence.

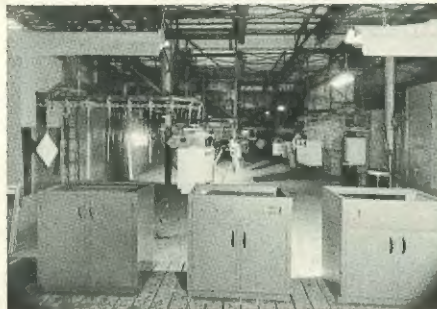


Fig. 4—Section view shows extensive conveyor system for regulated, automatic work flow.



Fig. 5—Skilled painters work with 5 different spray guns, each fed a different color.



Fig. 6—This paint spray booth is one of two water-wash installations in the system assuring clean, dirt-free paint applications.

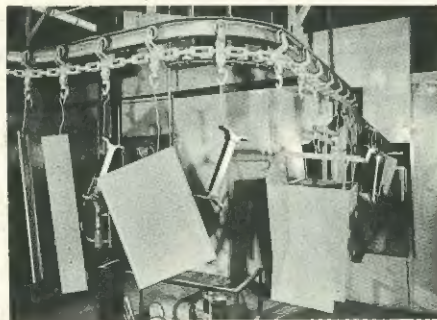


Fig. 7—Painted, dried parts emerge from finishing oven with uniform high-gloss, acid-resistant finish.

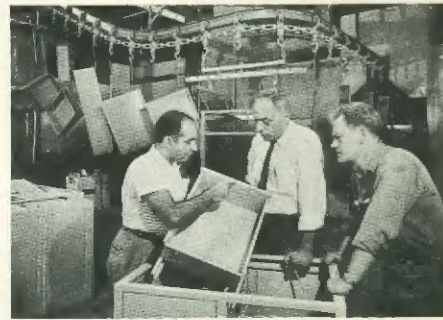


Fig. 8—Officials of Laboratory Furniture verify quality controlled, baked-on finish of a STEELAB module cabinet drawer.

Custom Quality Stock Modules . . . Pre-Engineered To Fit Every Laboratory

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MINEOLA, LONG ISLAND, NEW YORK

Over 50,000 Installations Since 1920